

Polarization Maintaining Tap Isolator WDM Hybrid

Features

Low insertion loss
High extinction ratio
High stability & Reliability

Applications

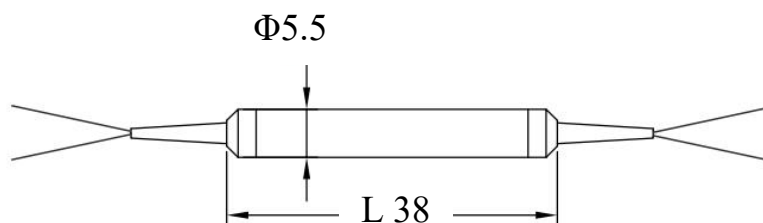
Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter	PM Tap Isolator WDM Hybrid		Unit
	Single stage	Dual stage	
Signal wavelength range	1530~1565		nm
Signal tap ratio	1±0.2%, 2±0.4%, 4±0.8%, 5±1.0%, 10±2.0%		%
Excess loss (only for signal port)	≤1.2	≤1.3	dB
Extinction ratio (only for signal port)	≥20(Type B)	≥23(Type F)	dB
Min. signal isolation. @23°C	≥30	≥46	dB
Reflection band wavelength range	960~990 (or 1460~1490)		nm
IL over reflection band (Reflect->Common)	≤0.6		dB
Return loss	≥50		dB
Directivity	≥50		dB
Handling power	≤300		mW
Fiber type	PM fiber for common & pass port; PM fiber or SM fiber for Tap and reflect port.		/
Operating temperature	-5 to 70		°C
Storage temperature	-40 to 85		°C
Dimensions	Φ5.5× L38		mm

*Type B: Both axis working, Type F: for Fast axis blocked.

* IL is 0.3dB (1310~1550nm) or 0.5dB (980nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCPMTIW
Package size	5.5×38 etc
Connector	FC/UPC, FC/APC etc
Fiber code	Specify
Pigtail type	0=250μm, 1=900μm, 4=others
Working Axis	F=Fast axis blocked, B=Both axis working
Pump Type	FP=Forward Pump; BP=Backward Pump;
Isolator Stage Type	D=Dual stage, S=Single stage
Tap Ratio	01=1%, 05=5% etc.
Reflection wavelength	Specify
Transmission wavelength	Specify